



Joint Meeting  
Trieste 2018



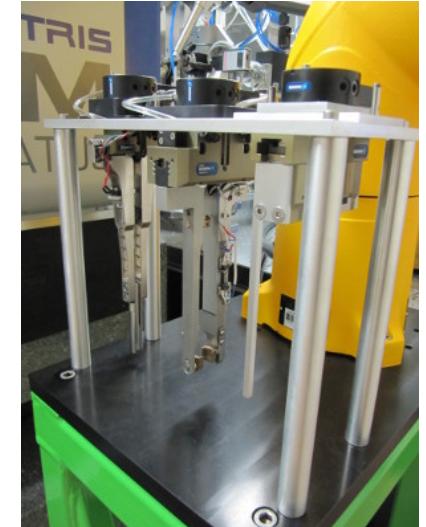
# ISPyB status at Elettra





Elettra  
Sincrotrone  
Trieste

# XRD2



ISPyB / MXCuBE joint meeting, Trieste

Milan Prica, September 13, 2018



# XRD2 Status

- ✓ MXCuBE3 running
- ✓ Sample changer OK for the SPINE pucks and under test for the UNIPUCKS; Under development for crystallization PLATES and Test-Samples
- ✓ Set-Up of disk space and computing power: Software installed in local Pilatus PPU and in a computer cluster:

Cluster of 16 servers, 252 cores @ 3GHz and 128 GB RAM each (2TB total), Tesla supercomputing machines with nVidia K80 boards (total of almost 5000 CUDA cores) with 480 GB/sec bandwidth.

- ✓ ISPyB/EXI missing: we are working on files describing the dewars content (users are supposed to upload them together with dewars tracking number now) – VUO integration
- ✓ No remote access yet.



# Data access through VUO

**VUO - Investigation**

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LDM **20124009**

[He\\_10\\_bar\\_1s5p](#) / [He\\_10\\_bar\\_50-76](#) / [He\\_Meta\\_and\\_Fluo](#) / [He\\_VMI](#) / [TEST](#) / [VMI\\_and\\_Meta\\_HEn](#)

Investigation details	
Name:	20124009
Description:	20124009
Max 400 characters	
Principal investigator:	(14637) <a href="#">ZITNIK Matjaz</a> [JSI - Jozef Stefan Institute]
Proposal:	<a href="#">20124009</a>

[\[Edit\]](#)

Other investigators	
Name	
<a href="#">[Delete]</a>	AVALDI Lorenzo
<a href="#">[Delete]</a>	BUCAR Klemen
<a href="#">[Delete]</a>	CORENO Marcello
<a href="#">[Delete]</a>	JOURNEL Loic
<a href="#">[Delete]</a>	MARCHENKO Tatiana
<a href="#">[Delete]</a>	MIHELIC Andrej
<a href="#">[Delete]</a>	O KEEFFE Patrick
<a href="#">[Delete]</a>	PIANCASELLI Maria Novella
<a href="#">[Delete]</a>	PLEKAN Oksana Kudelich
<a href="#">[Delete]</a>	PRINCE Kevin Charles
<a href="#">[Delete]</a>	RICHTER Robert
<a href="#">[Delete]</a>	RUBENSSON Jan Erik
<a href="#">[Delete]</a>	SODERSTROM Johan

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Experiments	
Code	
<a href="#">[View]</a>	He_10_bar_1s5p
<a href="#">[View]</a>	He_10_bar_50-76
<a href="#">[View]</a>	He_Meta_and_Fluo
<a href="#">[View]</a>	He_VMI

Browser, WebDAV, GridFTP

**VUO - Experiment**

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**Experiment details**

Name:	He_10_bar_1s5p
Description:	He_10_bar_1s5p
Max 400 characters	

[\[Edit\]](#)

Datasets		
	Code	Status
<a href="#">[View]</a>	He_003	Filled
<a href="#">[View]</a>	He_004	Filled
<a href="#">[View]</a>	He_005	Filled
<a href="#">[View]</a>	He_006	Filled
<a href="#">[View]</a>	He_007	Filled
<a href="#">[View]</a>	He_008	Filled
<a href="#">[View]</a>	He_009	Filled
<a href="#">[View]</a>	He_010	Filled
<a href="#">[View]</a>	He_011	Filled
<a href="#">[View]</a>	He_012	Filled
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<a href="#">[View]</a>	He_016	Filled
<a href="#">[View]</a>	He_017	Filled
<a href="#">[View]</a>	He_018	Filled
<a href="#">[View]</a>	He_019	Filled
<a href="#">[View]</a>	He_020	Filled



# ISPyB installation

- ✓ Installed on CentOS 7.3
  - Java SDK8 – Oracle
  - Wildfly 8.2.1 Final
  - MariaDB 5.5.2
- ✓ LDAP authentication

